

Title (en)

System for supplying energy for electric vehicles

Title (de)

System zur Energieversorgung von Elektrofahrzeugen

Title (fr)

Système d'alimentation en énergie de véhicules électriques

Publication

**EP 2463162 B1 20160330 (DE)**

Application

**EP 11009571 A 20111203**

Priority

- DE 102010053600 A 20101207
- DE 102011119210 A 20111123

Abstract (en)

[origin: EP2463162A2] The method involves providing automated alternating device for the exchange and transport of the battery modules (6), where battery storage (1) is provided for storage and charging of the battery module. Depending on the vehicle type one or more admission chambers are available for the battery modules, in which one of these battery modules is interposed. Depending on the vehicle type the vehicle battery consists of multiple battery modules. The battery modules are electrically connected only after the insertion into the vehicle (2) by vehicle-side contacts. Independent claims are also included for the following: (1) a vehicle; (2) a device for power supply to vehicles; and (3) a system for power supply to vehicles.

IPC 8 full level

**B60L 11/18** (2006.01); **B60S 5/06** (2006.01)

CPC (source: EP US)

**B60K 1/04** (2013.01 - EP); **B60L 53/80** (2019.01 - EP US); **G06K 7/0026** (2013.01 - EP US); **G06K 7/0069** (2013.01 - EP); **B60K 2001/0422** (2013.01 - EP); **B60K 2001/0433** (2013.01 - EP); **B60K 2001/0438** (2013.01 - EP); **B60K 2001/0461** (2013.01 - EP); **B60K 2001/0494** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP)

Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2463162 A2 20120613; EP 2463162 A3 20120919; EP 2463162 B1 20160330**

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